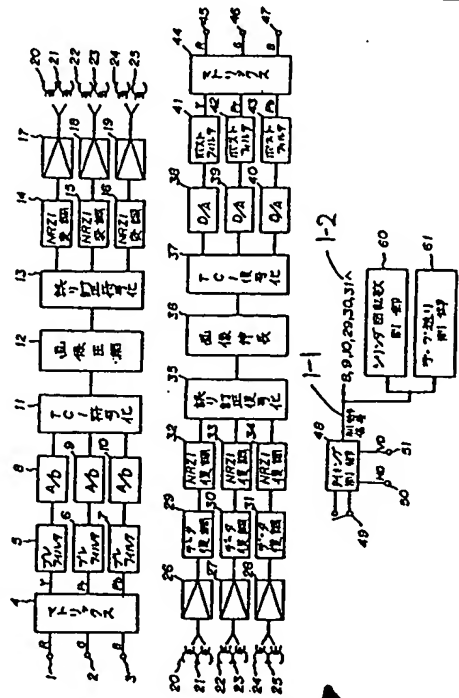


60. A system of viewing video information stored on a removable high capacity storage medium, the system comprising:

an input device configured to read the video information from the high capacity storage medium, the video information stored on the high capacity storage medium having a digital audio component and a digital video component, the digital video component having an intermediate format having a frame rate of substantially 24 frames per second (fps),

the digital video component having been formed by converting input video information having an input format with no added redundant frames or fields;

a graphics processor in data communication with the input device and configured to convert the digital video component in its intermediate format to output video information in an output format, the output format having a frame rate that is greater than or equal to the frame rate of the intermediate format, the graphics processor further being capable of being in data communication with a display device for viewing the output video information in the output format.



When the selecting switch 49 is turned to a telecine mode, the timing control means 48 outputs a reference horizontal clock HD of 33 KHz to the terminal 50 and outputs a reference vertical clock VD of 24 Hz to the terminal 51 to scan 1375 lines in 1/24 seconds, as shown in FIG. 2. Thereby the telecine device (not shown) connected to the terminals 50 and 51 and synchronized with the reference signals inputs three primary-color image signals of 24 frames per second for sequential scanning to the terminals 1 to 3.

In order to reproduce the magnetic tape recorded in the telecine mode on a high-definition monitor, it suffices to connect the outputs of the image recording and reproducing apparatus to the high-definition monitor via a 2-3 system or other time-base converting device.